

INTERNATIONAL SEARCH REPORT

PCT/IB 03/06163

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01N5/02 F02G5/02 F01N3/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01N F02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 15, 6 April 2001 (2001-04-06) & JP 2000 352313 A (NISSAN MOTOR CO LTD), 19 December 2000 (2000-12-19)	1,8-10
Y	paragraph '0037! - paragraph '0071!; figure 12	2-5,7
Y	FR 2 698 909 A (RENAULT) 10 June 1994 (1994-06-10) page 6, line 5 -page 11, line 10; figure 1	2-5
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

22 April 2004

Date of mailing of the international search report

03/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) & JP 2000 018095 A (NISSAN MOTOR CO LTD), 18 January 2000 (2000-01-18) paragraph '0009! - paragraph '0082!; figures 9,11-13,15,17 ---	7
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 338 (M-1628), 27 June 1994 (1994-06-27) & JP 06 081639 A (MITSUBISHI MOTORS CORP), 22 March 1994 (1994-03-22)	1
A	paragraph '0012! - paragraph '0020!; figure 5 -----	2,3,7, 11,12

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000352313 A	19-12-2000	NONE	
FR 2698909 A	10-06-1994	FR 2698909 A1	10-06-1994
JP 2000018095 A	18-01-2000	NONE	
JP 06081639 5 A		NONE	